ELSEVIER

Neuroscience Letters 249 (1998) 186–187

Neuroscience Letters

Contents to Volume 249

Volume 249, no. 1

Guidelines for the Submission of Manuscripts v

Leukemia inhibitory factor (LIF) production in a mouse model of spinal trauma
J.B. Kurek, T.M. Bennett, J.J. Bower, C.M. Muldoon, L. Austin (Australia) 1

Intracellular Ca^{2+} modulates Cl^- current evoked by acetylcholine in *Lymnaea* neurons
C.A. Vulfius, V.D. Ryazansky, I.V. Krasts, F.E. Ilyasov (Russia) 5

Gastric ulcer formation in cold-stressed mice related to a central calcium-dependent-dopamine synthesizing system
D. Sutoo, K. Akiyama, A. Matsui (Japan) 9

The intracellular tracer Neurobiotin alters electrophysiological properties of rat neostriatal neurons
B. Schlösser, G. ten Bruggencate, B. Sutor (Germany) 13

Linomide-mediated protection of oligodendrocytes is associated with inhibition of nitric oxide production and IL-1β expression in Lewis rat glial cells
B.-G. Xiao, X.-F. Bail, G.-X. Zhang, G. Hedlund, H. Link (Sweden) 17

Longitudinal study of cerebrospinal fluid amyloid proteins and apolipoprotein E in patients with probable Alzheimer's disease
T. Pirttilä, K. Koivisto, P.D. Mehta, K. Reinikainen, K.S. Kim, O. Kilkku, E. Heinonen, H. Soininen, P. Riekkinen Sr, H.M. Wisniewski (Finland) 21

Prenatal ethanol exposure reduces parvalbumin-immunoreactive GABAergic neuronal number in the adult rat cingulate cortex
D.B. Moore, M.A. Quintero, A.C. Ruygrok, D.W. Walker, M.B. Heaton (USA) 25

Medium-latency response to muscle stretch in human lower limb: estimation of conduction velocity of group II fibres and central delay
A. Nardone, M. Schieppati (Italy) 29

The winged-helix transcription factor CWH-3 is expressed in developing neural crest cells
M. Yamagata, M. Noda (Japan) 33

Locus coeruleus-mediated inhibition of chemosensory responses in the rat nucleus tractus solitarius is mediated by α_2-adrenoreceptors
H. Pérez, S. Ruiz, C. Laurido, A. Hernández (Chile) 37

Inhibition of group I metabotropic glutamate receptors blocks spatial learning in rats
D. Balschun, W. Wetzel (Germany) 41

N-terminal splice variants of the NMDAR1 glutamate receptor subunit: differential expression in human and monkey brain
P. Meoni, B.H. Bunnemann, D.G. Trist, N.G. Bowery (UK, Italy) 45

Dopamine release in the amygdaloid complex of the rat, studied by brain microdialysis
A.M.J. Young, K.R. Rees (UK) 49

mRNA coding for voltage-gated sodium channel β2 subunit in rat central nervous system: cellular distribution and changes following kainate-induced seizures
M. Gastaldi, A. Robaglia-Schlupp, A. Massacrier, R. Planells, P. Cau (France) 53

Occlusion of the presynaptic action of cannabinoids in rat substantia nigra pars reticulata by cadmium
P.K.Y. Chan, W.-H. Yung (China) 57

Activity of rat pump neurons is modulated with central respiratory rhythm
M. Miyazaki, A. Arata, I. Tanaka, K. Ezure (Japan) 61

Cerebrospinal fluid levels of alpha-tocopherol in patients with multiple sclerosis
F.J. Jiménez-Jiménez, F. de Bustos, J.A. Molina, C. de Andrés, T. Gasalla, M. Ortí-Pareja, M. Zurdo, J. Porta, F. Castellano-Millán, J. Arenas, R.E. de Salamanca (Spain) 65

Electrical stimulation of the sacral dorsal gray commissure evokes relaxation of the external urethral sphincter in the cat
B.F.M. Blok, J.T.P.W. van Maarseveen, G. Holstege (The Netherlands) 68

Volume 249, nos. 2,3

Altered long-term potentiation in the hippocampus of apolipoprotein E-deficient mice
I. Veinbergs, M.W. Jung, S.J. Young, E. Van Uden, P.M. Groves, E. Masliah (USA, South Korea) 71

Nitric oxide synthase inhibitors L-NAME and 7-nitroindazole protect rat hippocampus against kainate-induced excitotoxicity
P.A. Jones, R.A. Smith, T.W. Stone (UK) 75

Vascular endothelial growth factor expression in transient focal cerebral ischemia in the rat
C.S. Cobbs, J. Chen, D.A. Greenberg, S.H. Graham (USA) 79

NTI4F: a non-peptide fluorescent probe selective for functional delta opioid receptors
T. Kshirsagar, A.H. Nakano, P.-Y. Law, R. Elde, P.S. Portoghese (USA) 83
Isolation of putative olfactory receptor sequences from pig nasal epithelium
V. Matarazzo, A. Tirard, M. Renucci, A. Belaïch, J.-L. Clément (France) 87
Effects of barium on stimulus-induced changes in $[K^+]_o$ and field potentials in dentate gyrus and area CA1 of human epileptic hippocampus
S. Gabriel, A. Kivi, R. Kovacs, T.-N. Lehmann, W.R. Lanksch, H.J. Meencke, U. Heinemann (Germany) 91
$GABA_A$ receptors in the rostral ventrolateral medulla mediate the depressor response induced by stimulation of the greater splanchnic nerve afferent fibres in rats
Y.-J. Peng, Q.-L. Gong, P. Li (China) 95
Independent assembly and subcellular targeting of $GABA_A$-receptor subtypes demonstrated in mouse hippocampal and olfactory neurons in vivo
J.-M. Fritschy, D.K. Johnson, H. Mohler, U. Rudolph (Switzerland, USA) 99
Kinesin accumulation in chick spinal axonal swellings with β,β'-iminodipropionitrile (IDPN) intoxication
I. Toyoshima, K. Kato, M. Sugawara, C. Wada, O. Masamune (Japan) 103
Satiety effect and sympathetic activation of leptin are mediated by hypothalamic melanocortin system
N. Satoh, Y. Ogawa, G. Katsuura, Y. Numata, H. Masuzaki, Y. Yoshimasa, K. Nakao (Japan) 107
Enhancement of brain choline levels by nicotinamide: mechanism of action
C. Erb, J. Klein (Mainz, Germany) 111
The butyrylcholinesterase gene is neither independently nor synergistically associated with late-onset AD in clinic- and community-based populations
F. Crawford, D. Fallin, Z. Suo, L. Abdullah, M. Gold, A. Gauntlett, R. Duara, M. Mullan (USA) 115
AMPA receptor activation potentiated by the AMPA modulator 1-BCP is toxic to cultured rat hippocampal neurons
K.A. Yamada (USA) 119
Increased interleukin-12 levels in human cerebrospinal fluid following severe head trauma
P.F. Stahel, T. Kossmann, H. Joller, O. Trentz, M.C. Morganti-Kossmann (Switzerland) 123
[Phe1Ψ(CH_2-NH)Gly^2]-nociceptin-(1-13)NH_2, a proposed antagonist of the nociceptin receptor, is a potent and stable agonist in the rat spinal cord
I.S. Xu, Z. Wiesenfeld-Hallin, X.-J. Xu (Sweden) 127
Blocking effects of the anaesthetic etomidate on human brain sodium channels
C. Frenkel, K. Weckbecker, H.C. Wartenberg, D.S. Duch, B.W. Urban (Germany, USA) 131
Regeneration of dorsal column axons after spinal cord injury in young rats
S. Kikukawa, S. Kawaguchi, A. Mizoguchi, C. Ide, M. Koshinaga (Japan) 135
Modulation of membrane potential by extracellular pH in activated microglia in rats
S. Chung, M.-Y. Lee, H. Soh, W. Jung, E. Joe (South Korea) 139
d-Aspartate modulates melatonin synthesis in rat pinealocytes
S. Ishio, H. Yamada, M. Hayashi, S. Yatsushiro, T. Noumi, A. Yamaguchi, Y. Moriyama (Japan) 143
Expression of vasoactive intestinal peptide mRNA in the suprachiasmatic nuclei of the circadian *tau* mutant hamster
R.J. Lucas, F.R.A. Cagampang, A.S.I. Loudon, J. Anne Stirland, C.W. Coen (UK) 147
Circling behaviour in 6-hydroxydopamine-lesioned rats given pulsed levodopa is reduced more by lesions in the entopeduncular nucleus/substantia nigra pars reticulata than in the subthalamic nucleus
C.R. Honey, H. Shen (Canada) 151
Dynamic changes in glucose metabolism by lactate loading as revealed by a positron autoradiography technique using rat living brain slices
T. Murata, A. Waki, N. Omata, Y. Fujibayashi, N. Sadato, R. Yano, M. Yoshimoto, K. Isaki, Y. Yonekura (Japan) 155
Acetylsalicyclate administered during simulated ischemia reduces the recovery of neuronal function in the in vitro rabbit retina
K.I. Maynard, P.M. Arango, D. Chen, C.S. Ogilvy (USA, Colombia) 159
Expression of stromal cell-derived factor-1 and CXCR4 chemokine receptor mRNAs in cultured rat glial and neuronal cells
Y. Ohtani, M. Minami, N. Kawaguchi, A. Nishiyori, J. Yamamoto, S. Takami, M. Satoh (Japan) 163
Use of non-linear EEG analysis to study abnormal brain dynamics in deaf human subjects
S. Micheloyannis, C.J. Stam, E. Fountoulakis, M. Bourkas, S. Arvanitis, E. Papanikolaou (Greece, The Netherlands) 167
Auditory cortical efferent actions upon inferior colliculus unitary activity in the guinea pig
P. Torterolo, P. Zurita, M. Pedemonte, R.A. Velluti (Uruguay) 172
Middle cerebral artery occlusion in the rat causes a biphasic production of immunoreactive interleukin-1β in the cerebral cortex
E.W. Hillhouse, S. Kida, F. Iannotti (UK) 177
α-Synuclein immunoreactivity in glial cytoplasmic inclusions in multiple system atrophy
K. Wakabayashi, M. Yoshimoto, S. Tsuji, H. Takahashi (Japan) 180

Author Index to Volume 249 183
Contents to Volume 249 186

(*Contents continued from back cover*)

Dynamic changes in glucose metabolism by lactate loading as revealed by a positron autoradiography technique using rat living brain slices
T. Murata, A. Waki, N. Omata, Y. Fujibayashi, N. Sadato, R. Yano, M. Yoshimoto, K. Isaki, Y. Yonekura (Japan) 155
Acetylsalicyclate administered during simulated ischemia reduces the recovery of neuronal function in the in vitro rabbit retina
K.I. Maynard, P.M. Arango, D. Chen, C.S. Ogilvy (USA, Colombia) 159
Expression of stromal cell-derived factor-1 and CXCR4 chemokine receptor mRNAs in cultured rat glial and neuronal cells
Y. Ohtani, M. Minami, N. Kawaguchi, A. Nishiyori, J. Yamamoto, S. Takami, M. Satoh (Japan) 163
Use of non-linear EEG analysis to study abnormal brain dynamics in deaf human subjects
S. Micheloyannis, C.J. Stam, E. Fountoulakis, M. Bourkas, S. Arvanitis, E. Papanikolaou (Greece, The Netherlands) 167
Auditory cortical efferent actions upon inferior colliculus unitary activity in the guinea pig
P. Torterolo, P. Zurita, M. Pedemonte, R.A. Velluti (Uruguay) 172
Middle cerebral artery occlusion in the rat causes a biphasic production of immunoreactive interleukin-1β in the cerebral cortex
E.W. Hillhouse, S. Kida, F. Iannotti (UK) 177
α-Synuclein immunoreactivity in glial cytoplasmic inclusions in multiple system atrophy
K. Wakabayashi, M. Yoshimoto, S. Tsuji, H. Takahashi (Japan) 180

Author Index to Volume 249 183
Contents to Volume 249 186